

Recombinant Human IL-21

Catalog No.	CRI172B	Quantity:	25 µg
Description:	Recombinant Human IL-21 has a MW of approximately 15 kDa.		
Source:	Recombinant human IL-21 is produced in <i>E. Coli</i> and purified via sequential chromatography.		
Formulation:	Lyophilized, carrier free. Filtered prior to lyophilization through 0.22 micron sterile filter.		
Purity:	>95% as determined by SDS-PAGE analysis.		
Endotoxin Level:	< 0.1 ng/µg		
Biological Activity:	ED ₅₀ range = 1.0-10 ng/ml, determined by the dose-dependent proliferation of human peripheral blood mononuclear cells. The optimal concentration for each specific application should be determined by an initial dose-response assay.		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute lyophilized recombinant human IL-21 in sterile, distilled water to a concentration of 0.1-1.0 mg/ml. Further dilutions should be made in low endotoxin medium or a buffered solution containing a carrier protein such as heat inactivated FCS or tissue culture grade BSA.		
Storage & Stability:	Store lyophilized recombinant human IL-21 at 2-8°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at ≤-20°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web site: www.cellsciences.com